



**GE Silicones**

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FORMAT: USA  
PRODUCT: MD39495

MATERIAL SAFETY DATA SHEET  
POLYURETHANE SEALANT

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:  
SIKA CORPORATION  
201 POLITO AVE  
LYNDHURST, NJ 07071

SUPPLIED BY:  
GE SEALANTS & ADHESIVES  
260 HUDSON RIVER ROAD  
WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)  
(201) 933-8800

EMERGENCY PHONE (24 HRS)  
518-237-3330

REVISED: 01/21/02  
PREPARER: JL MCGUFFEY  
CHEMICAL FAMILY/USE: MIXTURE  
FORMULA: MIXTURE

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	TWA	OSHA PEL STEL	UNITS
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### 1. HAZARDOUS

NJTSRN 02944800-5134P						
VENDOR	<99	NE	NE	NE	NE	
NJTSRN 02944800-5135P						
VENDOR	<99	NE	NE	NE	NE	
NJTSRN 02944800-5211P						
VENDOR	<99	NE	NE	NE	NE	
XYLENE						
1330-20-7	1-5	100	150	100	150	PPM
ETHYLBENZENE						
100-41-4	<1	100	125	100	125	PPM

### 2. NON-HAZARDOUS

CALCIUM CARBONATE						
1317-65-3	<99	10	NA	15	NE	MG/M3

See Section 15 for description of any WHMIS Trade Secret(s).

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### 3. HAZARDS IDENTIFICATION

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#### EMERGENCY OVERVIEW:

Irritating to skin, eyes, and respiratory tract.  
Harmful if swallowed, inhaled, or absorbed through skin.  
May cause adverse liver, kidney, and CNS effects.

#### WARNING! POSSIBLE CANCER HAZARD

May cause allergic skin reaction.  
May cause adverse reproductive effects.  
May cause adverse cardiac effects.

Combustible solid.

Aromatic odor

#### POTENTIAL HEALTH EFFECTS:

##### INGESTION:

Irritation of the mouth, throat, and stomach.  
May cause pulmonary edema.  
May be harmful if swallowed.  
May cause liver and kidney damage.  
May cause headache, dizziness, nausea, vomiting,  
gastrointestinal irritation and central nervous system  
depression.

May effect the blood and blood system.  
May affect the heart and cardiovascular system.  
May cause pneumonitis as a result of aspiration.

##### SKIN CONTACT:

May cause an allergic skin reaction.  
May be absorbed through skin and produce effects as listed  
under "Ingestion".  
Can cause irritation and reddening of the skin.

##### INHALATION:

Excessive inhalation causes headache, dizziness, nausea and  
incoordination.  
Avoid breathing any vapors or mist generated during the  
processing of this material.  
Can irritate mucous membranes and respiratory tract with  
coughing and shortness of breath.

##### EYE CONTACT:

Contact can cause severe irritation and conjunctivitis (redness  
and swelling).

##### MEDICAL CONDITIONS AGGRAVATED:

Central nervous system disorders.  
Pre-existing skin or respiratory diseases.  
Cardiovascular disorders.  
Pre-existing liver or kidney disorders.

##### SUBCHRONIC (TARGET ORGAN) EFFECTS:

Central nervous system  
Kidneys  
Liver  
Bone marrow and hematopoietic (blood forming) system  
Skin  
Cardiovascular effects.

##### CHRONIC EFFECTS/CARCINOGENICITY:

This product or one of its ingredients present 0.1% or more  
is listed as a carcinogen or potential carcinogen by NTP,  
IARC or OSHA      X Yes    \_\_\_ No

## PRODUCTS/INGREDIENTS

In a National Toxicology Program (NTP) 2-year study of Ethylbenzene in rats and mice, there was clear evidence of carcinogenic activity in male rats, based on increased incidence of renal tubule neoplasms and testicular adenoma. There was some evidence of carcinogenic activity in female rats, based on increases of renal tubule adenoma. In mice, there was also some evidence of carcinogenic activity based on increased incidence of alveolar/bronchiolar neoplasms and hepatocellular neoplasms for males and females, respectively.

## PRINCIPLE ROUTES OF EXPOSURE:

Inhalation.

Absorption through skin.

Ingestion.

## OTHER:

Stimulants such as epinephrine may induce ventricular fibrillation.

The metabolism of other solvents may be inhibited resulting in a potentiation of toxic effects of those chemicals. Uptake is directly proportional to the amount of body fat. Blood levels may be cumulative when exposure is extended.

Alcohol may enhance toxic effects.

Interactions with drugs may occur. May impair performance and alertness.

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## 4. FIRST AID MEASURES

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### INGESTION:

DO NOT INDUCE VOMITING.

To avoid aspiration should vomiting occur, have the person lean forward.

Get immediate medical attention.

If victim is conscious, give 2-4 glasses of water.

Never induce vomiting unless specifically directed by qualified medical personnel.

Never give anything by mouth to an unconscious person.

### SKIN:

Remove contaminated clothing and launder before reuse.

Wash with soap and water.

Get medical attention if irritation or symptoms from Section 3 develop.

Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains.

### INHALATION:

Remove victim from source of exposure.

Get medical attention if irritation or symptoms from Section 3 develop.

If not breathing, begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-mouth contact.

### EYES:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN:  
Treatment is symptomatic and supportive.

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5. FIRE FIGHTING MEASURES  
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FLASH POINT: 61.667 (C) 143 (F)  
METHOD : UNK  
IGNITION TEMP : NA (C) NA (F)  
FLAMMABLE LIMITS IN AIR - LOWER (%): NA  
FLAMMABLE LIMITS IN AIR - UPPER (%): NA  
SENSITIVITY TO MECHANICAL IMPACT (Y/N): NO  
SENSITIVITY TO STATIC DISCHARGE:  
Sensitivity to static discharge is expected; material has a  
flash point below 200 F.  
EXTINGUISHING MEDIA:  
Carbon dioxide  
Dry chemical  
Foam  
Do not flush down public sewers or other drainage systems.  
SPECIAL FIREFIGHTING PROCEDURES:  
Combustible.  
Cool exposed containers with water spray after extinguishing  
fire.  
This product or a component thereof can flow along surfaces  
to reach a distant ignition source and flash back.  
Fire may produce poisonous or irritating gas, fumes, or vapors.  
See Section 10 for hazardous decomposition products.  
Firefighters must wear NIOSH/MSHA approved positive pressure  
self-contained breathing apparatus with full face mask and full  
protective clothing.  
Runoff to sewer may cause fire or explosion hazard.  
Vapors may concentrate in confined areas.

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6. ACCIDENTAL RELEASE MEASURES  
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ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:  
Wear proper protective equipment as specified in the protective  
equipment section.  
Remove sources of ignition.  
Warn other workers of spill.  
Increase area ventilation.  
Person not trained should evacuate area.  
Leaking containers should be removed to an isolated, well-  
ventilated area and transferred to other suitable containers.  
Avoid runoff to natural waters a component is known to be toxic  
to marine life.  
Wipe, scrape, or soak up in an inert material and put in a  
container intended for flammable materials for disposal.

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## 7. HANDLING AND STORAGE

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### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use.

Avoid contact with skin and eyes.

Do not inhale vapors.

Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics.

Keep from freezing.

Remove contaminated clothing and laundry before reuse.

Keep away from children.

Store between 40 F and 120 F.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING CONTROLS:

Showers.

Eyewash stations.

See "Ventilation" below.

### RESPIRATORY PROTECTION:

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29 CFR 1910.134).

### PROTECTIVE GLOVES:

Neoprene.

### EYE AND FACE PROTECTION:

Monogoggles.

Safety glasses with side shields.

### OTHER PROTECTIVE EQUIPMENT:

Wear eye protection and protective clothing.

### VENTILATION:

Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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PRODUCT INFORMATION:

BOILING POINT	:	NA	(C) NA	(F)
VAPOR PRESSURE(20 C) (MM HG)	:	NA		
VAPOR DENSITY (AIR=1)	:	>1		
FREEZING POINT	:	NA	(C) NA	(F)
MELTING POINT	:	NA	(C) NA	(F)
PHYSICAL STATE	:	SOLID		
ODOR	:	AROMATIC		
COLOR	:	-		
ODOR THRESHOLD (PPM)	:	UNK		
% VOLATILE BY VOLUME	:	7.9		
EVAP. RATE(BUTYL ACETATE=1)	:	UNK		
SPECIFIC GRAVITY (WATER=1)	:	1.19		
DENSITY (KG/M3)	:	1190		
ACID/ALKALINITY (MEQ/G)	:	UNK		
PH	:	UNK		
VOC EXCL.H2O & EXEMPTS (G/L)	:	94		
SOLUBILITY IN WATER (20 C)	:	NA		
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	:		UNKNOWN	

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10. STABILITY AND REACTIVITY

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STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:

Carbon monoxide.

Carbon dioxide.

Oxides of nitrogen.

Fumes of aromatic hydrocarbons.

INCOMPATIBILITY (MATERIALS TO AVOID):

Contact with water.

Alcohols.

CONDITIONS TO AVOID:

Avoid any source of ignition.

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11. TOXICOLOGICAL INFORMATION

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PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG):

ACUTE DERMAL LD50 (MG/KG):

ACUTE INHALATION LC50 (MG/L):

OTHER:

AMES TEST:

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12. ECOLOGICAL INFORMATION  
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ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time  
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13. DISPOSAL CONSIDERATIONS  
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DISPOSAL METHOD:  
Disposal should be made in accordance with federal, state and  
local regulations.  
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14. TRANSPORT INFORMATION  
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DOT SHIPPING NAME: NONE  
DOT HAZARD CLASS: NOT DOT REGULATED  
DOT LABEL(S): NONE  
UN/NA NUMBER: NONE  
PLACARDS: NONE  
IATA:  
NOT REGULATED BY IATA  
IMO IMDG-code: NOT REGULATED FOR OCEAN TRANSPORTATION  
EMS No: NA  
EUROPEAN CLASS:  
RID (OCTI): NONE  
ADR (ECE): NONE  
RAR (IATA): NONE  
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15. REGULATORY INFORMATION  
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SARA SECTION 302:  
None Found  
SARA (311,312) HAZARD CLASS:  
ACUTE HEALTH HAZARD  
CHRONIC HEALTH HAZARD  
FIRE HAZARD  
SARA (313) CHEMICALS:

THIS PRODUCT CONTAINS TOXIC CHEMICAL(S) LISTED BELOW WHICH IS(ARE) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

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XYLENE

1330-20-7

CPSC CLASSIFICATION: NA

WHMIS HAZARD CLASS:

D2A VERY TOXIC MATERIALS

WHMIS TRADE SECRET:

None

EXPORT:

SCHDLE B/HTSUS: 3214.10 Mastic Based on Rubber

ECCN: EAR99

HAZARD RATING SYSTEMS

HMIS FLAMMABILITY 2 , REACTIVITY 0 , HEALTH 2

NFPA FLAMMABILITY 2 , REACTIVITY 0 , HEALTH 2

CALIFORNIA PROPOSITION 65:

NONE

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16. OTHER INFORMATION  
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These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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C = ceiling limit                      NEGL = negligible  
EST= estimated                        NF = none found  
NA = not applicable                   UNKN = unknown  
NE = none established                REC = recommended  
ND = none determined                V = recomm. By vendor  
By-product = reaction by-        SKN = skin  
product, TSCA inventory           TS = trade secret  
status not required under        R = recommended  
40 CFR part 720.30(h-2)        MST = mist  
STEL = short term exposure       NT = not tested  
limit  
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